

## ABSTRACT

A network system includes a transmitter device, a transmission line, a bridge device for receiving real-time data, a wireless network, and a receiver device for receiving data transmitted via the wireless network. The bridge  
5 device includes a reference time generator for generating a reference time independently from the transmitter device, and a network transmitting unit for transmitting, via the wireless network, the reference time and real-time data received from the transmitter device. The receiver device includes a  
10 first network receiving unit for receiving the real-time data and the reference time transmitted via the wireless network, a first internal time controller for generating an internal time based on the reference time received by the first network receiving unit, and a real-time data processor for decoding the real-time data received by the first network receiving unit as to reproduce the contents data, and outputting the reproduced contents  
15 data based on the internal time generated by the internal time controller. This network system allows the receiver device to output visuals and audios synchronized with each other even if including plural receiver devices.